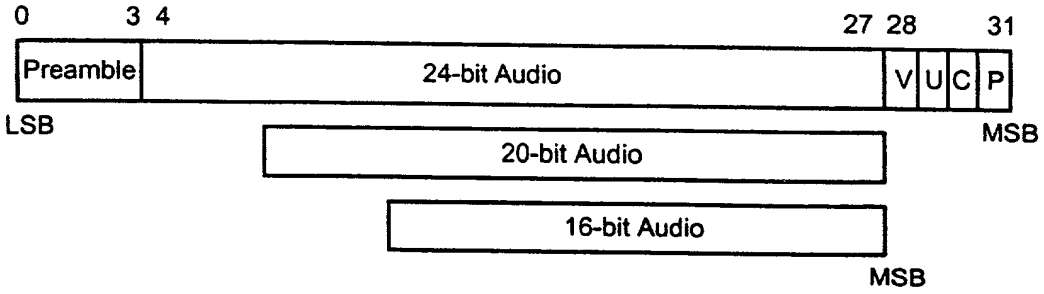
0
3 4
27 28
31
Preamble
24-bit Audio
V
U
C
P
LSB
MSB
20-bit Audio
16-bit Audio
MSB

Fig. 1

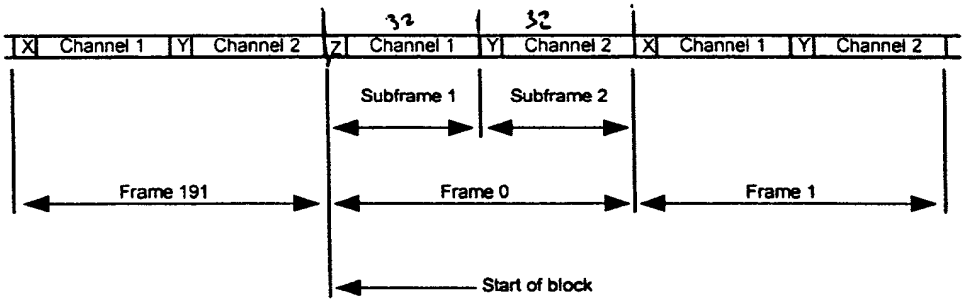
32
32
X
Channel 1
Y
Channel 2
Z
Channel 1
Y
Channel 2
X
Channel 1
Y
Channel 2
Subframe 1
Subframe 2
Frame 191
Frame 0
Frame 1
Start of block

Fig. 2

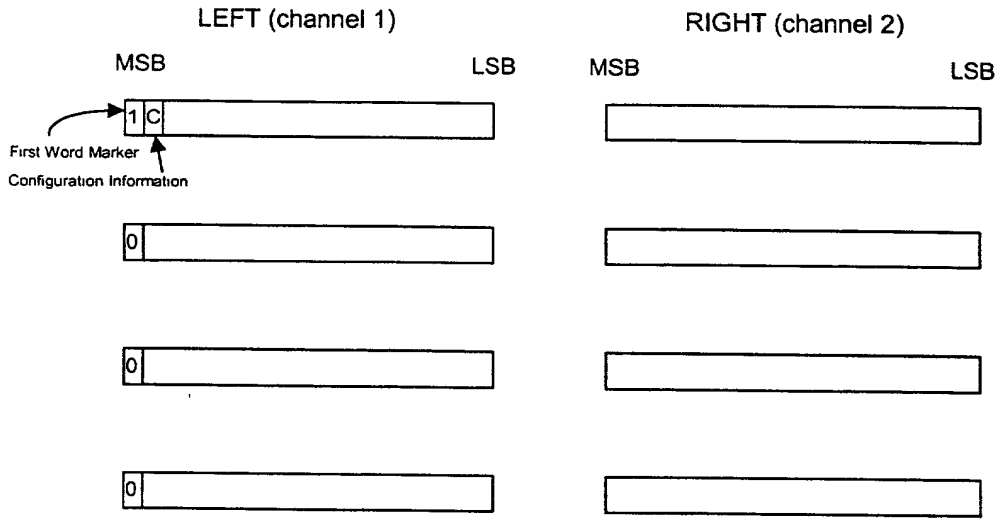

Fig. 3

	MSB							LSB	
	7	6	5	4	3	2	1	0	
Byte 0	1	1	1	1	1	1	1	1	Sync 1
Byte 1	1	0	0	0	0	1	1	1	Sync 2
Byte 2	c				b		a		Transport ID
Byte 3	0	r				f	e	d	Data ID
Byte 4	0	r							Reserved
Byte 5	0	r							Reserved

Fig. 4

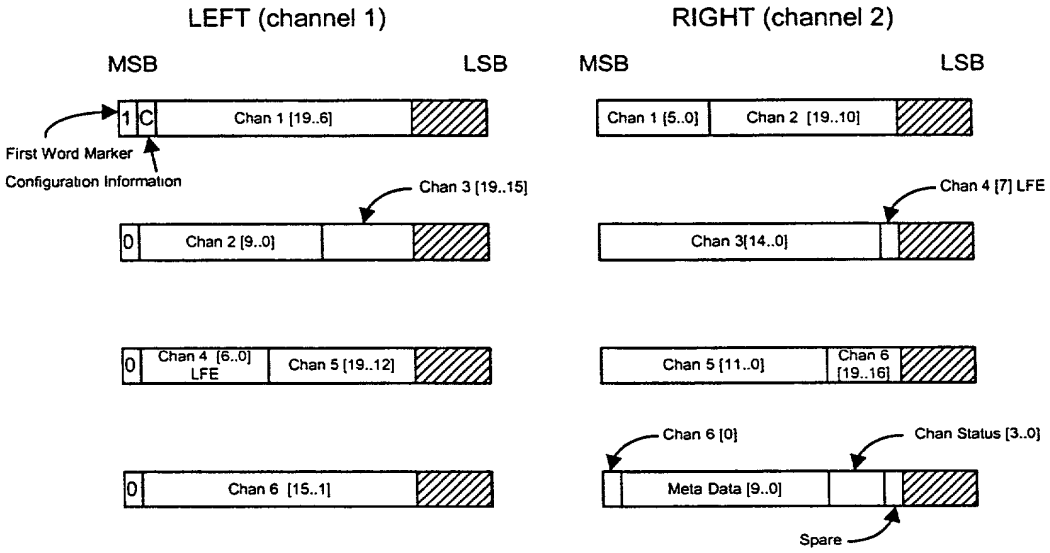
LEFT (channel 1)
RIGHT (channel 2)
MSB
LSB
MSB
LSB
1
C
Chan 1 [19..6]
First Word Marker
Configuration Information
Chan 3 [19..15]
0
Chan 2 [9..0]
0
Chan 4 [6..0] LFE
Chan 5 [19..12]
0
Chan 6 [15..1]
Chan 1 [5..0]
Chan 2 [19..10]
Chan 4 [7] LFE
Chan 3[14..0]
Chan 5 [11..0]
Chan 6 [19..16]
Chan 6 [0]
Chan Status [3..0]
Meta Data [9..0]
Spare

Fig. 5

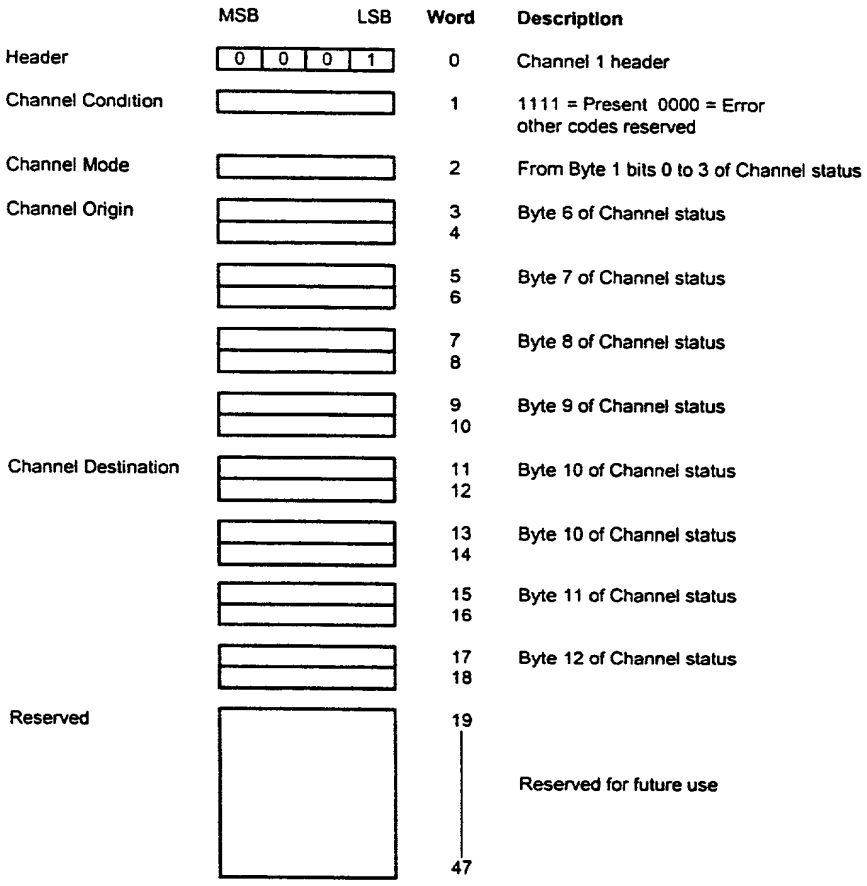
MSB
LSB
Word
Description
Header
0 0 0 1
0
Channel 1 header
Channel Condition
1
1111 = Present 0000 = Error
other codes reserved
Channel Mode
2
From Byte 1 bits 0 to 3 of Channel status
Channel Origin
3
4
Byte 6 of Channel status
5
6
Byte 7 of Channel status
7
8
Byte 8 of Channel status
9
10
Byte 9 of Channel status
Channel Destination
11
12
Byte 10 of Channel status
13
14
Byte 10 of Channel status
15
16
Byte 11 of Channel status
17
18
Byte 12 of Channel status
Reserved
19
47
Reserved for future use

Fig. 6

Transport Length	Audio Resolution	Audio Channels	M	T	S	Packing Code	Comment
16-bit	16-bit	7.1		X		1	
16-bit	16-bit	7.1			X	2	
16-bit	16-bit	6	X	X	X	3	
16-bit	20-bit	6				4	
16-bit	20-bit	5.1	X	X		5	
16-bit	20-bit	5.1	X		X	6	
16-bit	20-bit	5.1		X	X	7	
16-bit	24-bit	4	X	X	X	8	
20-bit	16-bit	8	X	X	X	9	
20-bit	20-bit	7.1		X		10	
20-bit	20-bit	7.1			X	11	
20-bit	20-bit	6	X	X	X	12	
20-bit	24-bit	6	X			13	
20-bit	24-bit	6		X	X	14	
20-bit	24-bit	5.1	X	X	X	15	
20-bit	20 & 16-bit	6 + 2				16	6 at 20-bit, 2 at 16-bit
20-bit	20 & 16-bit	5.1 + 2	X	X		17	5.1 at 20-bit, 2 at 16-bit
20-bit	20 & 16-bit	5.1 + 2	X		X	18	5.1 at 20-bit, 2 at 16-bit
24-bit	20-bit	8	X	X	X	19	
24-bit	24-bit	7.1	X			20	
24-bit	24-bit	7.1		X	X	21	
24-bit	24-bit	6	X	X	X	22	
24-bit	24 & 20-bit	6 + 2				23	6 at 24-bit, 2 at 20-bit
24-bit	24 & 20-bit	5.1 + 2	X	X	X	24	5.1 at 20-bit, 2 at 20-bit
16-bit	20-bit	5.1	X			25	Special Non 8000_H
20-bit	16-bit	8			X	26	Euro Hits Packing
20-bit	16-bit	8				0	Old Packing Scheme

Fig. 7